

Serial No. 10/541,450

KAS-248

Amendment

Responsive to Office Action dated March 6, 2008

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

1.-2. (Canceled)

3. (Currently Amended) ~~The traveling hydraulic working machine according to Claim 2, wherein~~ A traveling hydraulic working machine comprising at least one prime mover, a machine body for mounting said prime mover thereon, traveling means mounted on said machine body and including a torque converter coupled to said prime mover, a hydraulic pump driven by said prime mover, at least one working actuator operated by a hydraulic fluid supplied from said hydraulic pump, and an operating device for generating an operation signal to control said working actuator, said traveling hydraulic working machine further comprising:  
input means for commanding a target revolution speed of said prime mover;  
first detection means for detecting an operating situation of said working actuator;  
second detection means for detecting an operating situation of said traveling means; and  
prime-mover revolution speed control means for modifying the target revolution speed of said prime mover based on the operating situation of said working actuator detected by said first detection means and the operating situation of said traveling means detected by said second detection means, and controlling the revolution speed of said prime mover,

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~~said first detection means further includes means (47A) for detecting the operation signal generated from said operating device (23) wherein said first detection means includes means for detecting at least one of a delivery pressure of said hydraulic pump and a driving pressure of said working actuator, and said first detecting means further includes means for detecting the operation signal generated from said operating device.~~

4. (Currently Amended) The traveling hydraulic working machine according to Claim-13, wherein said second detection means is means (45, 46) for detecting input and output revolution speeds of said torque converter (31), and said prime-mover revolution speed control means includes means (53, 54) for computing a torque converter speed ratio from input and output revolution speeds of said torque converter, and determining the operating situation of said traveling means (3).

5. (Currently Amended) The traveling hydraulic working machine according to Claim-13, wherein said prime-mover revolution speed control means includes means (52-56) for computing a modification revolution speed of said prime mover (1) when the operating situation of said working actuator (13-16) detected by said first detection means (44) and the operating situation of said traveling means (3) detected by said second detection means (45, 46) come into respective particular states, and means (59) for subtracting the modification revolution speed from the target revolution speed of said prime mover.

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6. (Currently Amended) ~~The traveling hydraulic working machine according to Claim 1,~~ A traveling hydraulic working machine comprising at least one prime mover, a machine body for mounting said prime mover thereon, traveling means mounted on said machine body and including a torque converter coupled to said prime mover, a hydraulic pump driven by said prime mover, at least one working actuator operated by a hydraulic fluid supplied from said hydraulic pump, and an operating device for generating an operation signal to control said working actuator, said traveling hydraulic working machine further comprising:

input means for commanding a target revolution speed of said prime mover;

first detection means for detecting an operating situation of said working actuator;

second detection means for detecting an operating situation of said traveling means; and

prime-mover revolution speed control means for modifying the target revolution speed of said prime mover based on the operating situation of said working actuator detected by said first detection means and the operating situation of said traveling means detected by said second detection means, and controlling the revolution speed of said prime mover,

wherein said prime-mover revolution speed control means includes means ~~(52-54, 56, 59)~~ for modifying the target revolution speed of said prime mover ~~(1)~~ to reduce when the operating situation of said traveling means ~~(3)~~ is in a state close to a stall of said torque converter and the operating situation of said working actuator ~~(13-16)~~ comes into a light load state.

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7. (Currently Amended) ~~The traveling hydraulic working machine according to Claim 1,~~ A traveling hydraulic working machine comprising at least one prime mover, a machine body for mounting said prime mover thereon, traveling means mounted on said machine body and including a torque converter coupled to said prime mover, a hydraulic pump driven by said prime mover, at least one working actuator operated by a hydraulic fluid supplied from said hydraulic pump, and an operating device for generating an operation signal to control said working actuator, said traveling hydraulic working machine further comprising:

input means for commanding a target revolution speed of said prime mover;

first detection means for detecting an operating situation of said working actuator;

second detection means for detecting an operating situation of said traveling means; and

prime-mover revolution speed control means for modifying the target revolution speed of said prime mover based on the operating situation of said working actuator detected by said first detection means and the operating situation of said traveling means detected by said second detection means, and controlling the revolution speed of said prime mover.

wherein said prime-mover revolution speed control means includes means (52A, 53, 54A, 56, 59) for modifying the target revolution speed of said prime mover (1) to reduce when the operating situation of said traveling means (3) is in a state far from a stall of said torque converter and the operating situation of said working actuator (13-16) comes into a heavy load state.

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8. (Currently Amended) ~~The traveling hydraulic working machine according to Claim 1,~~ A traveling hydraulic working machine comprising at least one prime mover, a machine body for mounting said prime mover thereon, traveling means mounted on said machine body and including a torque converter coupled to said prime mover, a hydraulic pump driven by said prime mover, at least one working actuator operated by a hydraulic fluid supplied from said hydraulic pump, and an operating device for generating an operation signal to control said working actuator, said traveling hydraulic working machine further comprising:

\_\_\_\_\_ input means for commanding a target revolution speed of said prime mover;

\_\_\_\_\_ first detection means for detecting an operating situation of said working actuator;

\_\_\_\_\_ second detection means for detecting an operating situation of said traveling means; and

\_\_\_\_\_ prime-mover revolution speed control means for modifying the target revolution speed of said prime mover based on the operating situation of said working actuator detected by said first detection means and the operating situation of said traveling means detected by said second detection means, and controlling the revolution speed of said prime mover,

wherein the traveling hydraulic working machine further comprises further comprising third detection means (43) for detecting an input amount from said input means (42); and

wherein said prime-mover revolution speed control means includes means (57, 58) for modifying the target revolution speed of said prime mover when the input amount detected by said third detection means is not smaller than a preset value.

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9. (New) The traveling hydraulic working machine according to claim 6, wherein said first detection means includes means for detecting at least one of a delivery pressure of said hydraulic pump and a driving pressure of said working actuator.
10. (New) The traveling hydraulic working machine according to claim 7, wherein said first detection means includes means for detecting at least one of a delivery pressure of said hydraulic pump and a driving pressure of said working actuator.
11. (New) The traveling hydraulic working machine according to claim 8, wherein said first detection means includes means for detecting at least one of a delivery pressure of said hydraulic pump and a driving pressure of said working actuator.
12. (New) The traveling hydraulic working machine according to claim 9, wherein said first detection means further includes means for detecting the operation signal generated from said operating device.
13. (New) The traveling hydraulic working machine according to claim 10, wherein said first detection means further includes means for detecting the operation signal generated from said operating device.

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14. (New) The traveling hydraulic working machine according to claim 11,  
wherein said first detection means further includes means for detecting the operation  
signal generated from said operating device.